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What is claimed is:

- 1. A method of defining a user interface for a computer program, comprising:

 after execution of the computer program has begun, defining a user interface
 of the program by:
- reading a function description of a first function to be provided by the user interface;

reading an appearance description of a first appearance to be presented by the user interface;

associating the function description and the appearance description on the fly

10 at run time; and

executing the user interface with the associated function and appearance.

- 2. The method of claim 1, further comprising replacing the function description during program execution.
- 3. The method of claim 1, further comprising replacing the appearance description during program execution.
 - 4. The method of claim 1, further comprising:

reading a map defining multiple functions to be provided by the user interface including the first function;

reading a fashion defining all appearances to be presented by the user

20 interface including the first appearance;

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associating the map and the function on the fly at run time; and executing the user interface with the associated map and function.

- 5. The method of claim 1, further comprising replacing the map during program execution.
- 5 6. The method of claim 1, further comprising replacing the fashion during program execution.
 - 7. The method of claim 1, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.
 - 8. The method of claim 1, further comprising receiving events from the map component or the fashion component.
 - 9. The method of claim 8, further comprising executing business logic associated with the respective component
 - 10. The method of claim 1, wherein the components are stored in a database.
 - 11. A method of defining a user interface for a computer program, comprising:
- associating a map component and a fashion component on the fly at run time to generate the user interface; and

executing the user interface with the associated function and appearance.

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- 12. The method of claim 11, further comprising loading a resource bundle associated with the map component.
- 13. The method of claim 12, further comprising locating sub-components of the user interface.
- 14. The method of claim 12, further comprising instantiating one or more subcomponents of the user interface.
 - 15. The method of claim 12, further comprising calling the fashion component to allocate a resource to each sub-component.
- 16. The method of claim 15, further comprising instructing each sub-component to present itself in the user-interface.
- 17. The method of claim 11, further comprising receiving events from the map component.
- 18. The method of claim 11, further comprising receiving events from the fashion component.
- 15 19. The method of claim 11, further comprising executing business logic associated with the map component
 - 20. The method of claim 11, wherein the components are stored in a database.
 - 21. Computer-readable medium to define a user interface for a computer program after execution of the computer program has begun, comprising instructions to:

read a function description of a first function to be provided by the user interface;

read an appearance description of a first appearance to be presented by the user interface;

associate the function description and the appearance description on the fly at run time; and

execute the user interface with the associated function and appearance.

- 22. The computer-readable medium of claim 21, further comprising instructions to replace the function description during program execution.
- 23. The computer-readable medium of claim 21, further comprising instructions to replace the appearance description during program execution.
- 24. The computer-readable medium of claim 21, further comprising instructions to:

read a map defining multiple functions to be provided by the user interface including the first function;

read a fashion defining all appearances to be presented by the user interface including the first appearance;

associate the map and the function on the fly at run time; and executing the user interface with the associated map and function.

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- 25. The computer-readable medium of claim 21, further comprising instructions to replace the map during program execution.
- 26. The computer-readable medium of claim 21, further comprising instructions to replace the fashion during program execution.
- 27. The computer-readable medium of claim 21, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.
- 28. The computer-readable medium of claim 21, further comprising instructions to receive events from the map component or the fashion component.
- 29. The computer-readable medium of claim 28, further comprising instructions to execute business logic associated with the respective component
- 30. The computer-readable medium of claim 21, wherein the components are stored in a database.
- 31. A computer-readable medium of defining a user interface for a computer program, comprising instructions to:
- associate a map component and a fashion component on the fly at run time to generate the user interface; and

execute the user interface with the associated function and appearance.

32. A system to define a user interface for a computer program, comprising:

a processor;

a device coupled to the processor to present the user interface;

means for associating a map component and a fashion component on the fly at

5 run time to generate the user interface; and

means for executing the user interface with the associated function and appearance.

33. The system of claim 32, wherein the device is a display.

34. The system of claim 32 wherein the device is a sound input-output device.

35. The system of claim 32, wherein the device is a telephone.

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